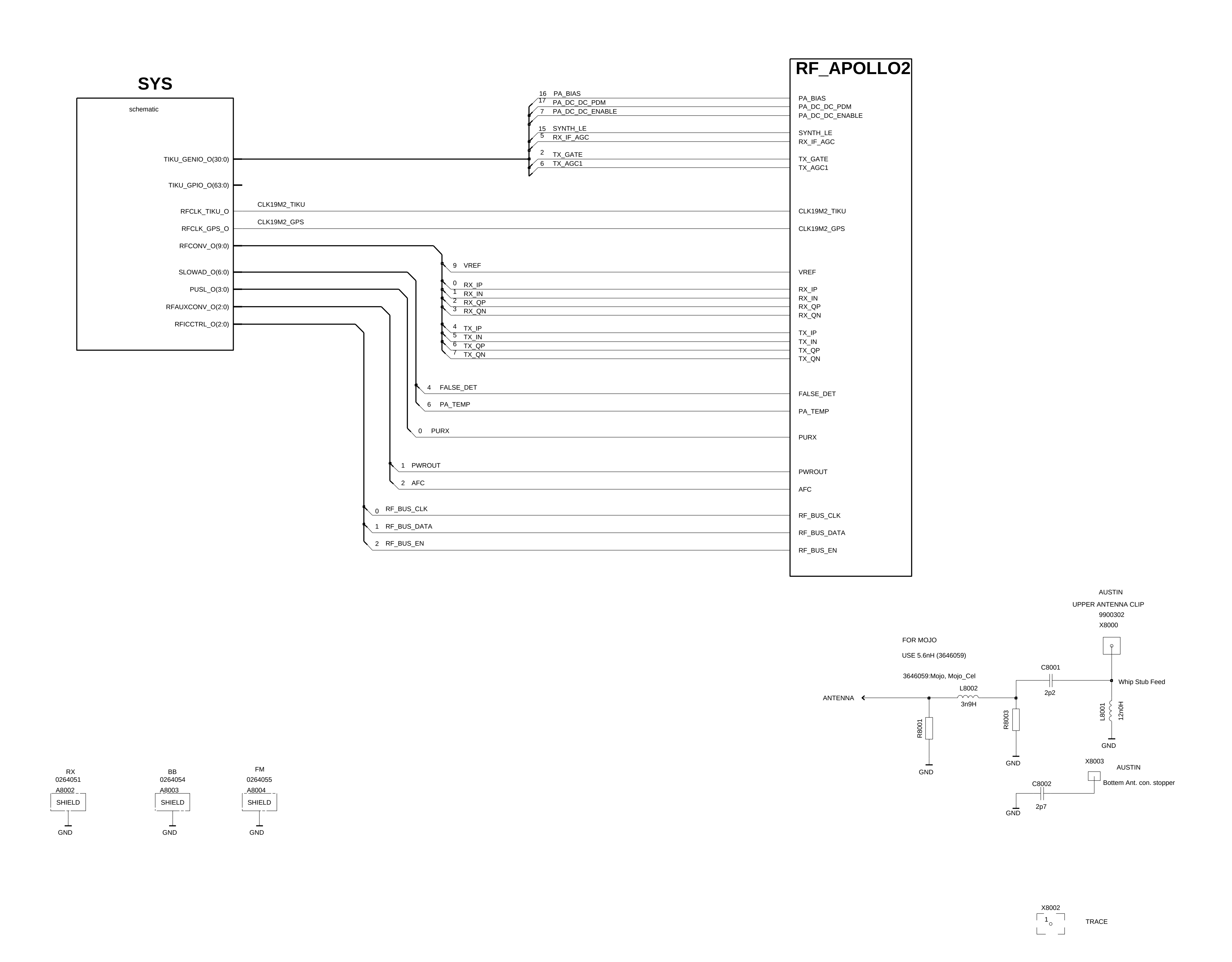
3155/3155i (RM-41), 3152 (RM-61) Schematics - Main PWB

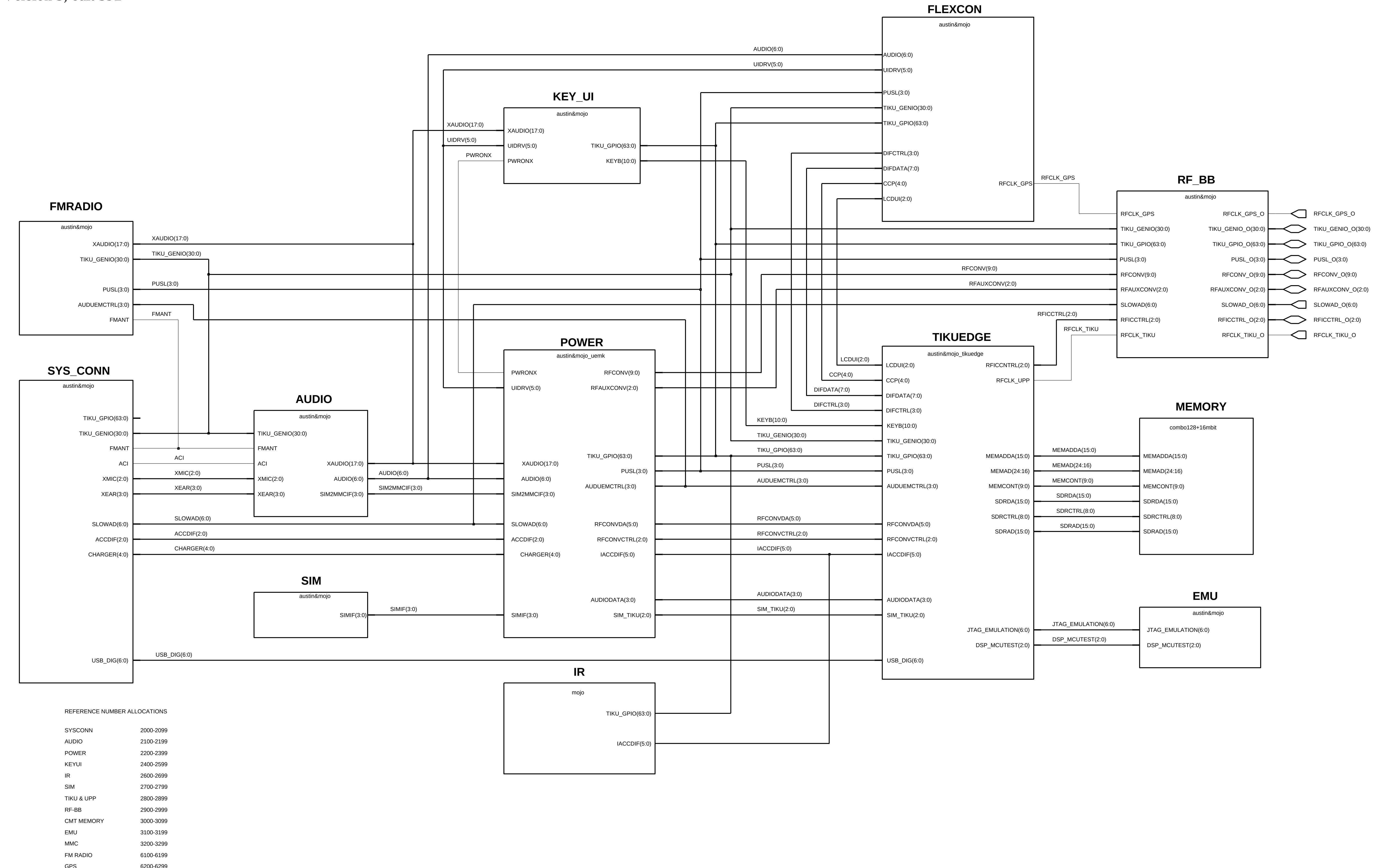
Top Level

Version 1, edit 247



Baseband - Top Level

Version 5, edit 392



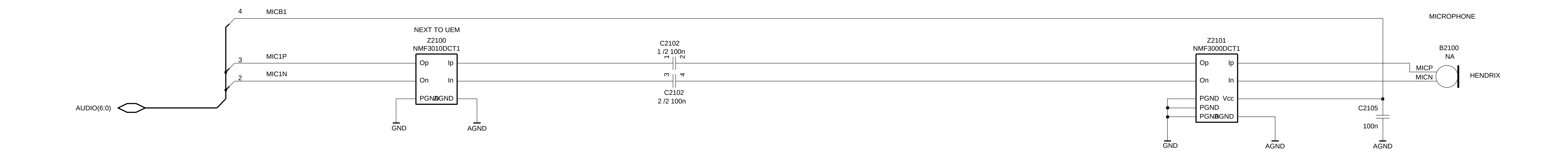
Front End

Version 12, edit 110

	LOGIC INPUTS		
MODES	BAND	GAIN_CTL	IF_SEL
CEL CDMA Hi Gain	0	1	0
CEL CDMA Lo Gain	0	0	0
PCS CDMA Hi Gain	1	1	0
PCS CDMA Lo Gain	1	0	0
AMPS Hi Gain	0	1	1
AMPS Lo Gain	0	0	1

Audio

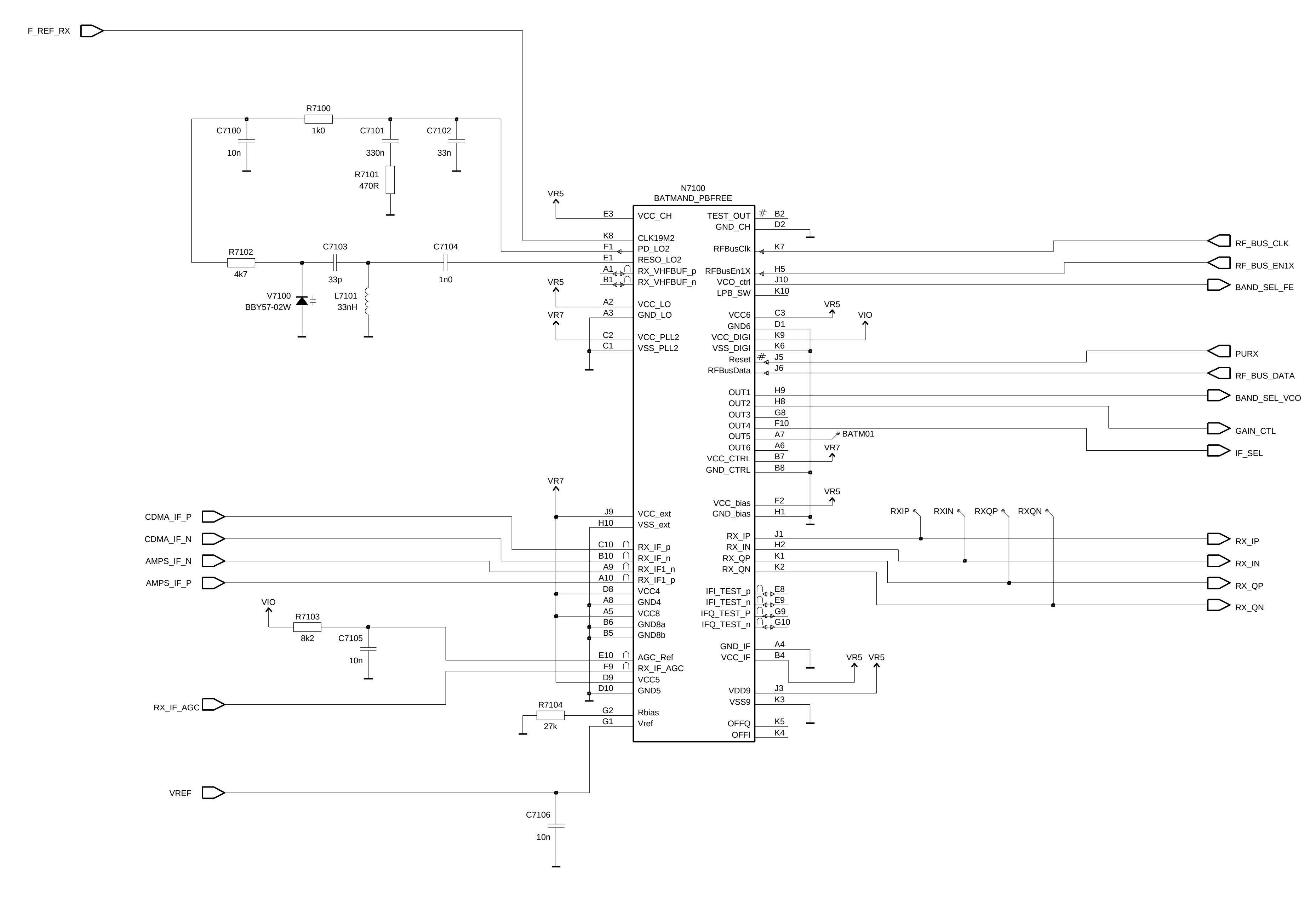
Version 1, edit 252

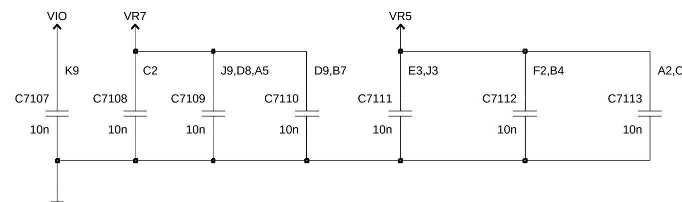


SIM2MMCIF(3)
SIM2MMCIF(3:0)
R2108 1k0
C2106 10n
VFLASH1
VIO
R2106 47k
R2107 100k
R2110 100k
V2100 2SC5848001JN
V2101 2SC5848001JN
NEXT TO HS JACK
R2109 10k
C2104 47p
C2111 10U
VAFL FMRadio output
MIC3P
MIC3N
NEXT TO UEM
Z2102 NMF3010DCT1
C2112 1 /2 100n
C2112 2 /2 100n
Z2103 NMF3000DCT1
R2111 1k0
C2117 100n
C2107 100n
C2114 3n3
C2115 3n3
C2118 47p
L2102 600R/100MHz
L2101 600R/100MHz
L2104 600R/100MHz
STEREO HEADSET JACK
X2100
L2103 MCZ1210AD102T
R2112 4k7
C2119 33p
FMANT
C2122 100n
C2120 4u7
C2103 4u7
C2108 4u7
C2101 4u7
R2113 10R
R2102 10R
C2116 3n3
C2109 47p
ACI
HOOKINT
MICB2
R2103
MIC2P
MIC2N
XAUDIO(17:0)
NEXT TO UEM
Z2104 NMF3010DCT1
C2124 1 /2 100n
C2124 2 /2 100n
Z2105 NMF3000DCT1
C2128 100n
XMICP
XMICN
XMIC(2:0)
R2101 100k
TIKU_GENIO(30:0)
XEAR(3:0)
R2117 /2 5R6 ?
R2118 /2 5R6 ?
XEAR_LP
XEAR_LN
XEAR_RP
XEAR_RN
GND
AGND

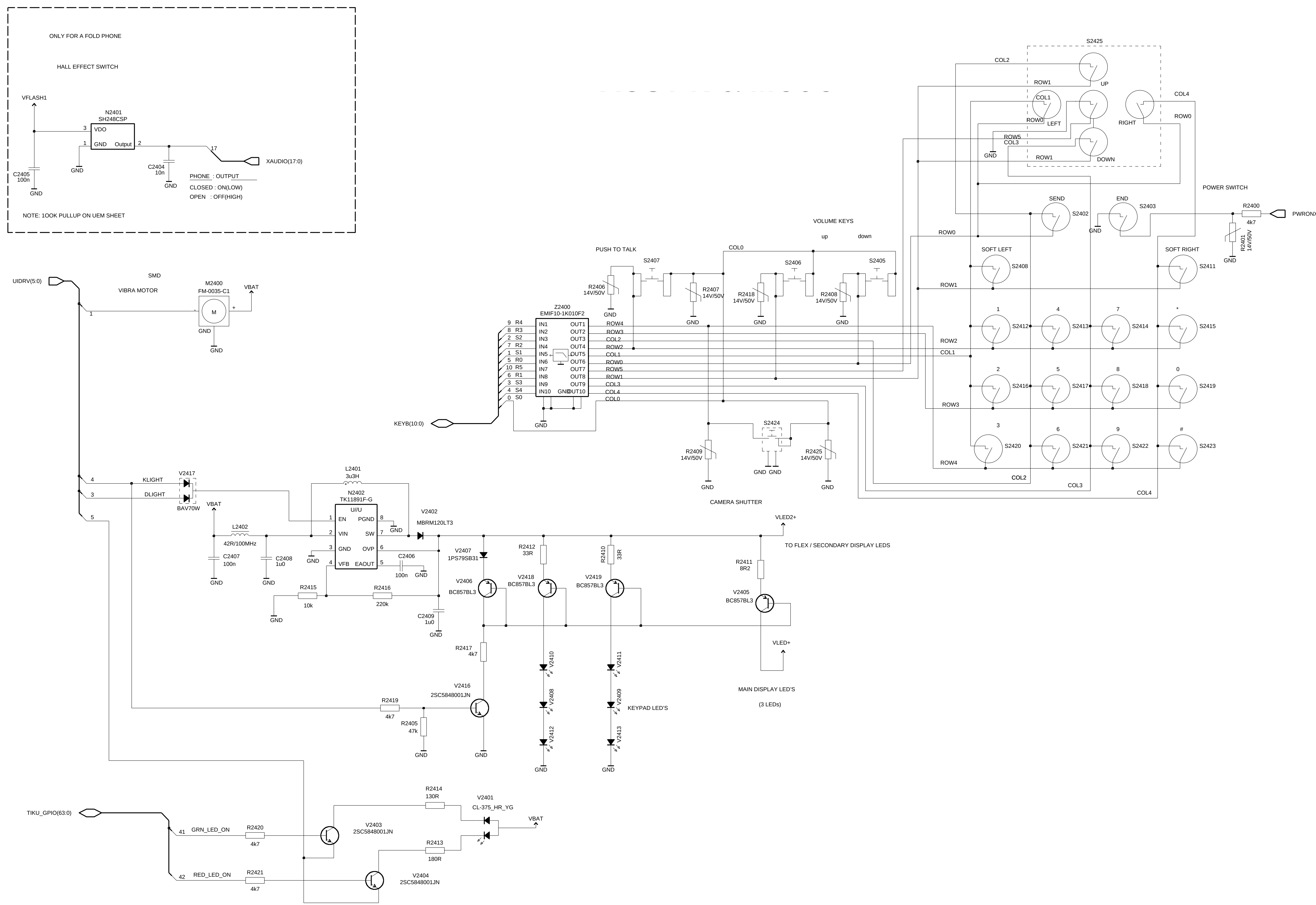
N7100 Rx Downconverter

Version 12, edit 96



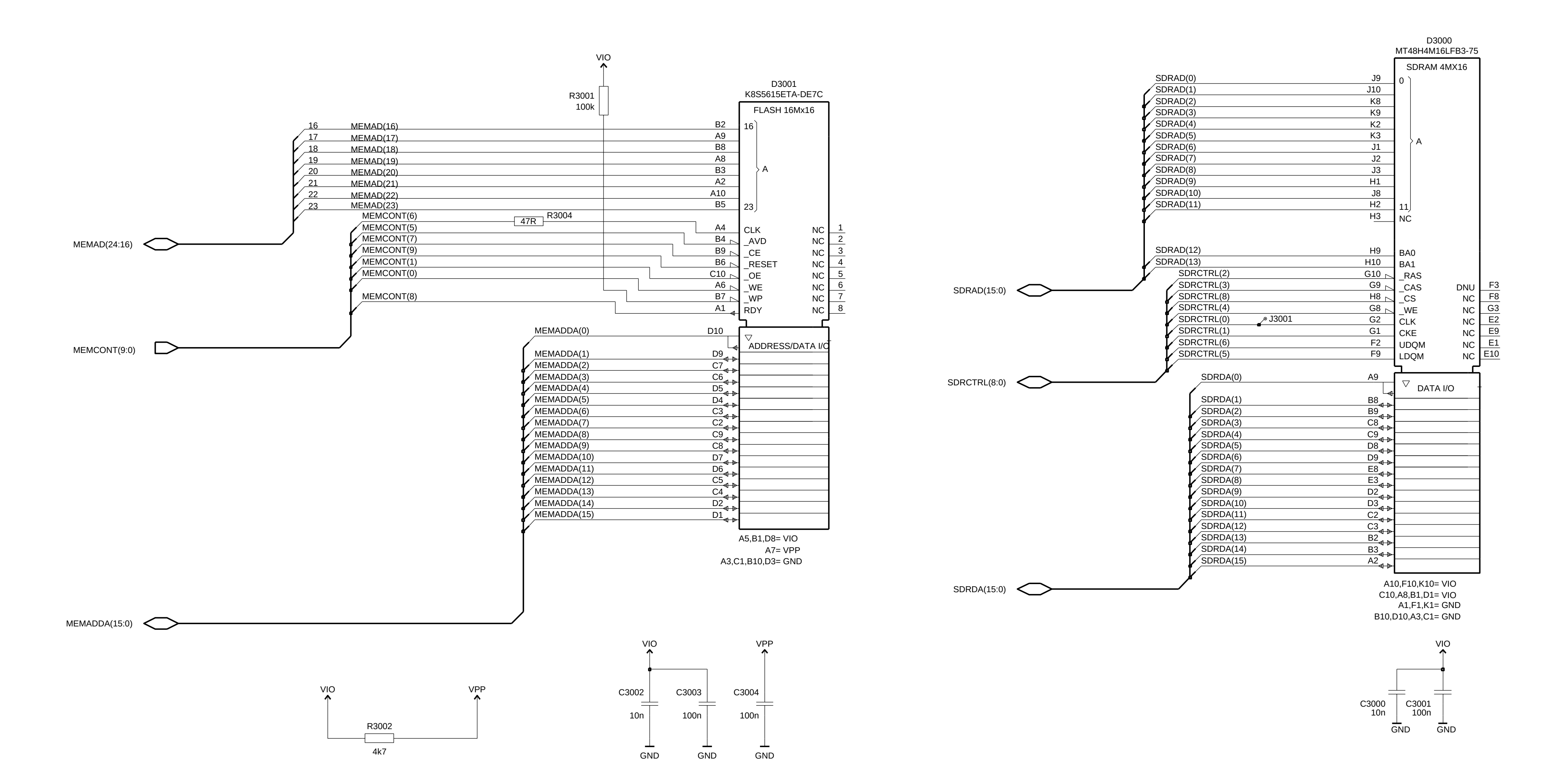


Key UI
Version 13, edit 292



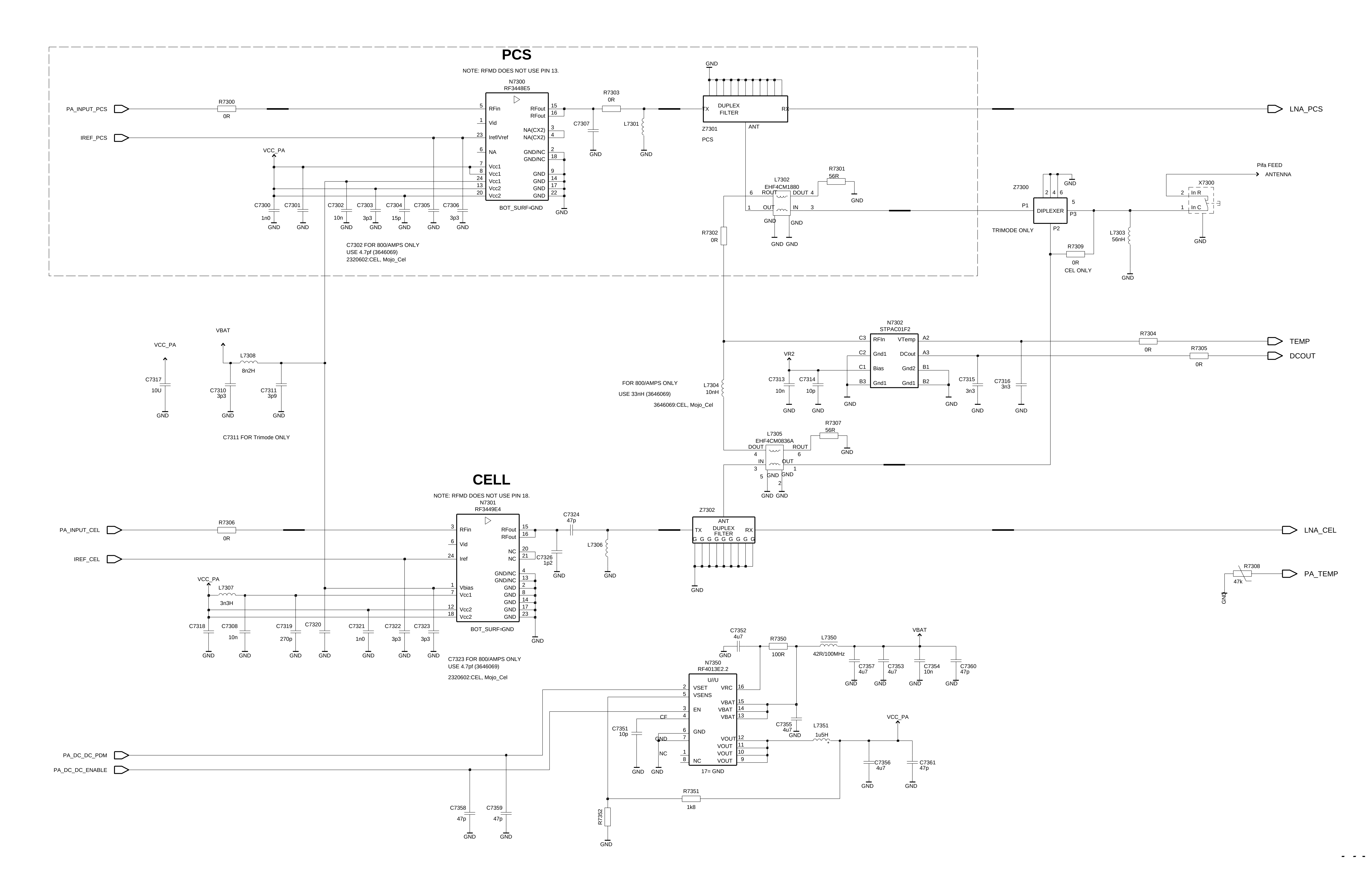
Memory

Version 0.5, edit 214



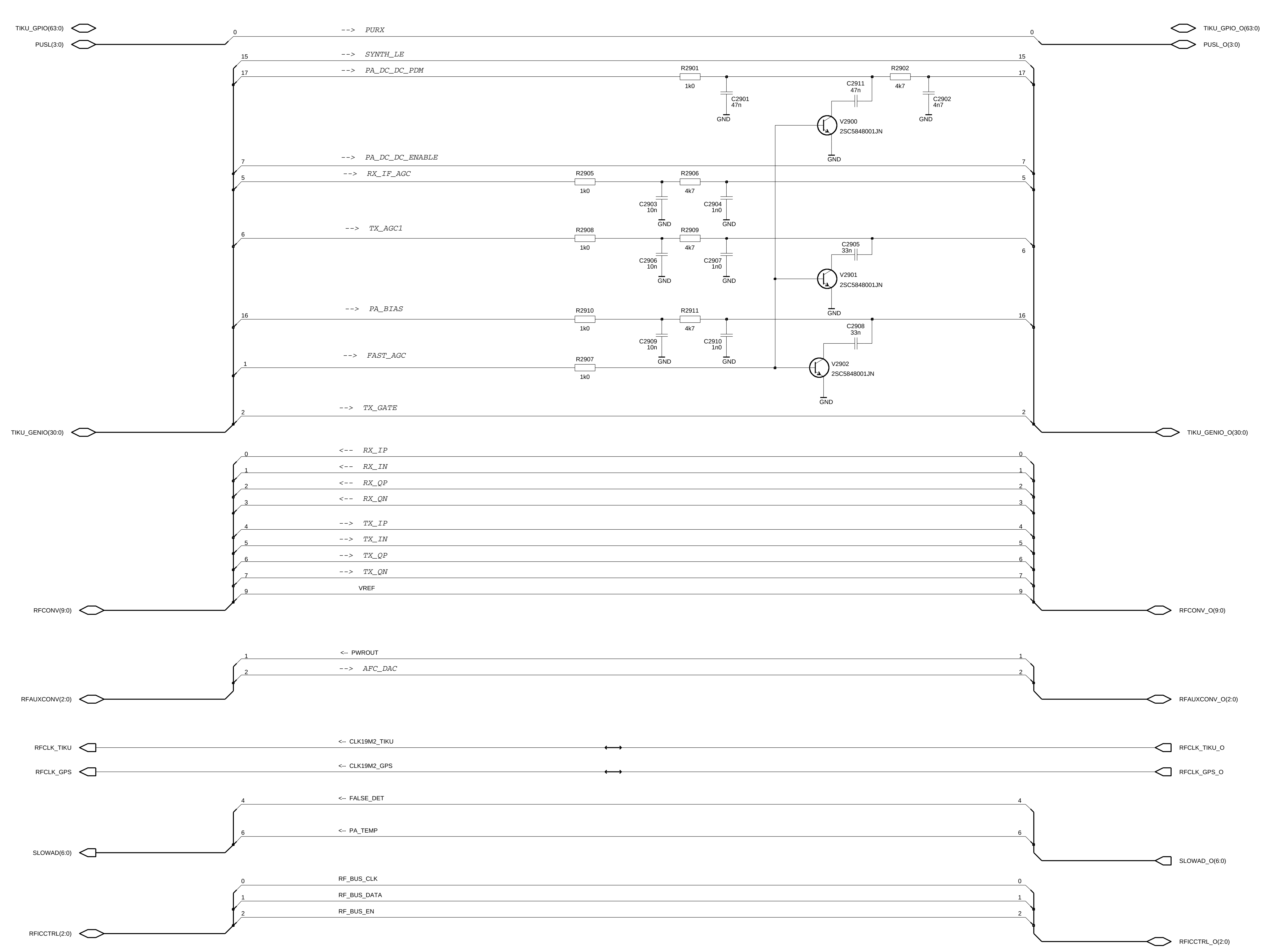
PA

Version 7.5, edit 113



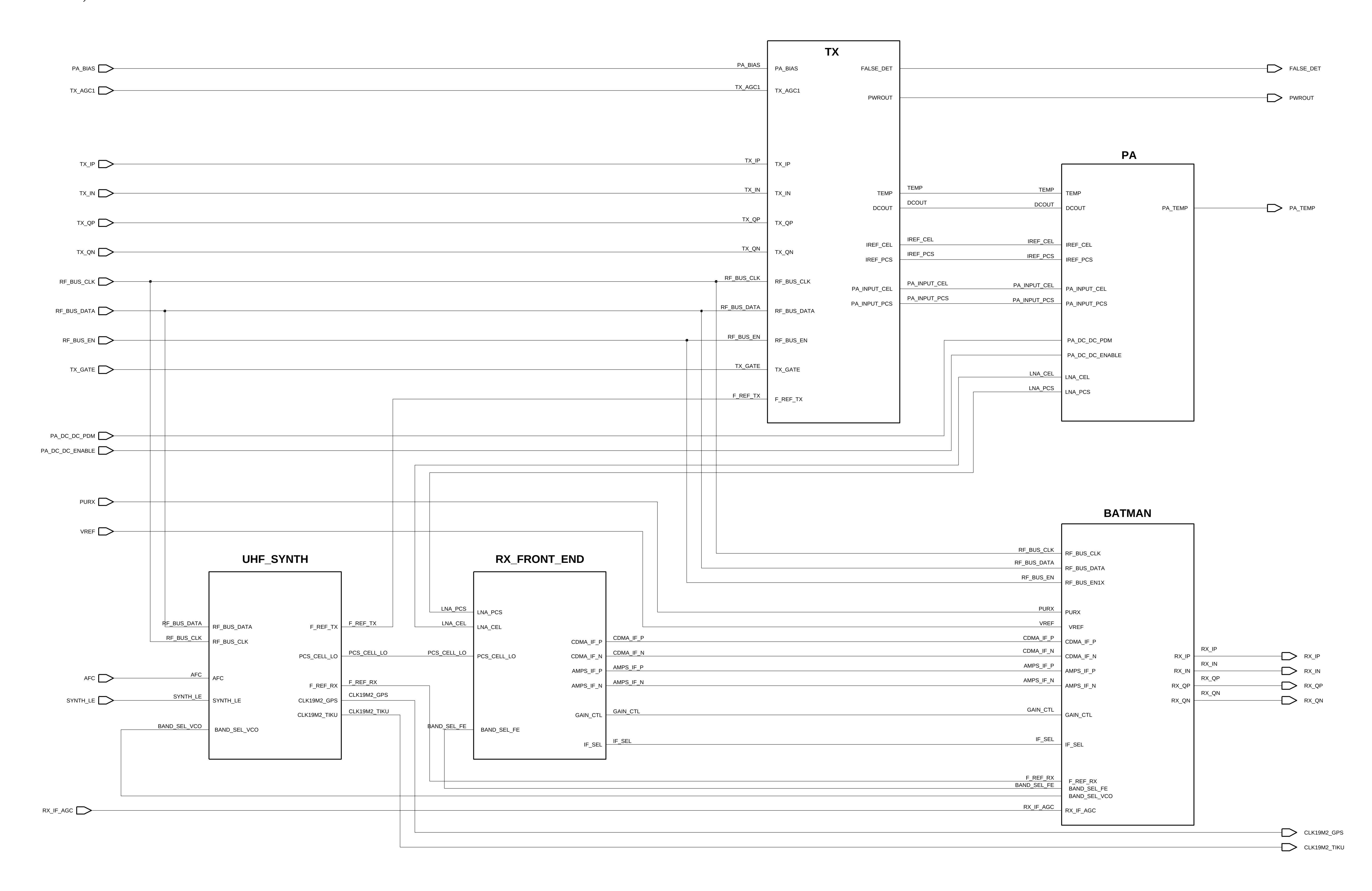
RF-BB Interface

Version 0.5, edit 235



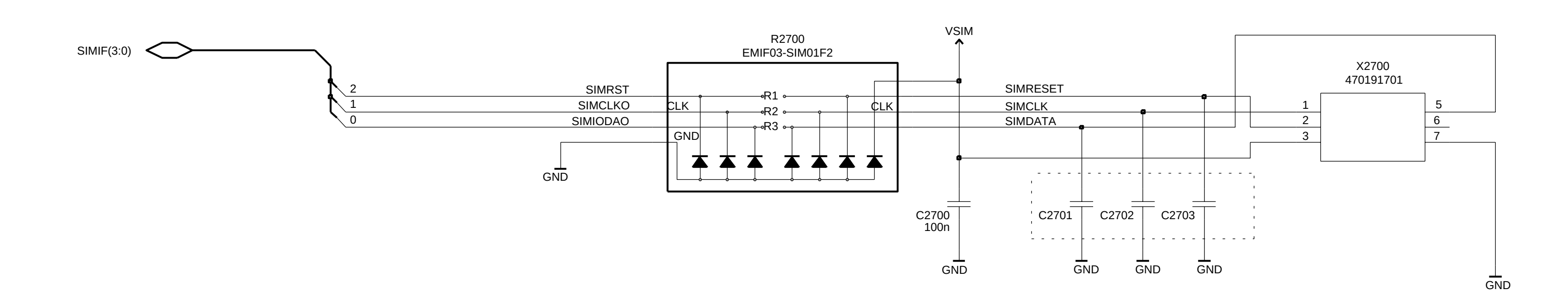
RF - Top

Version 0.5, edit 392



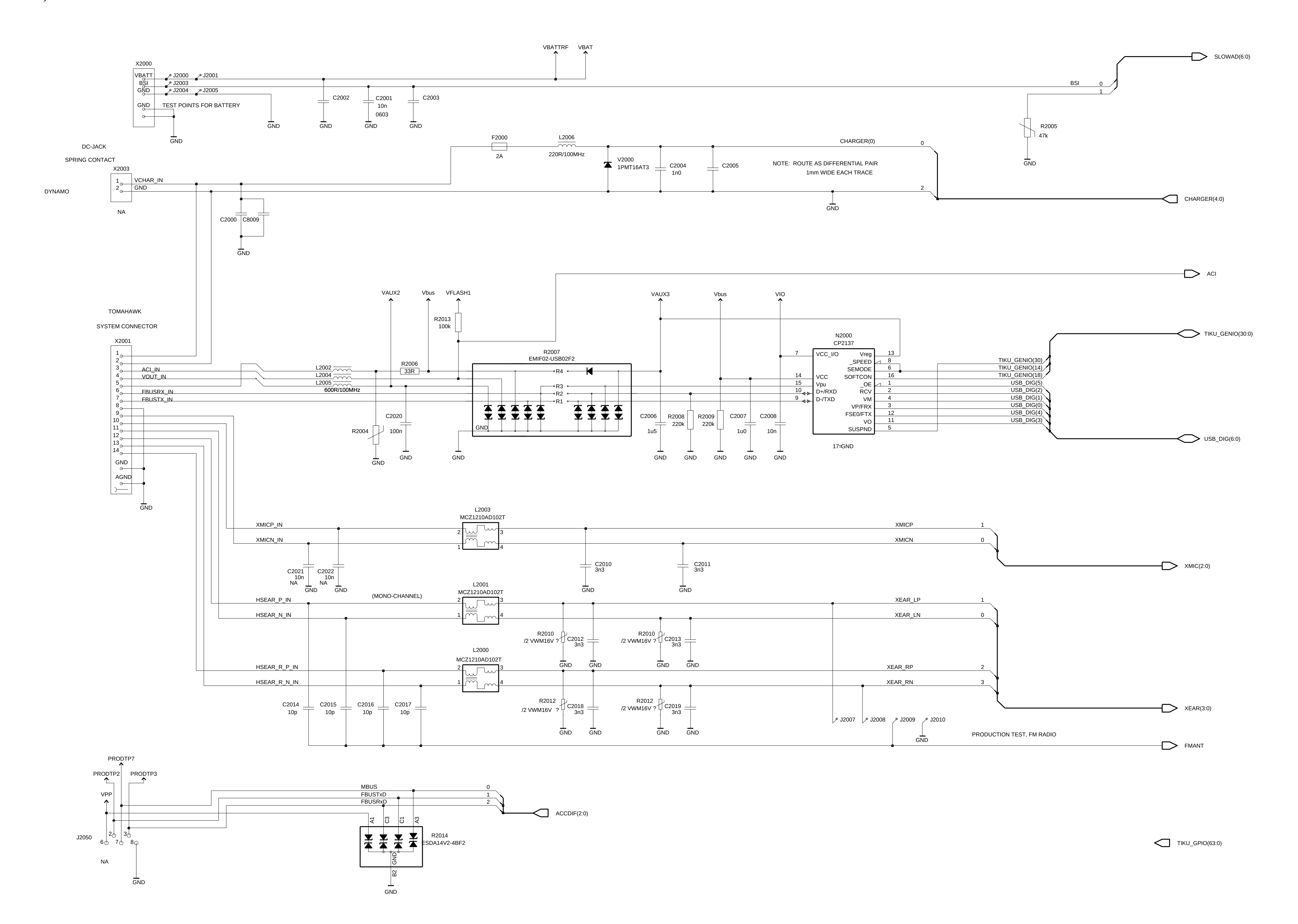
UIM Card Connector

Version 0.0, edit 193



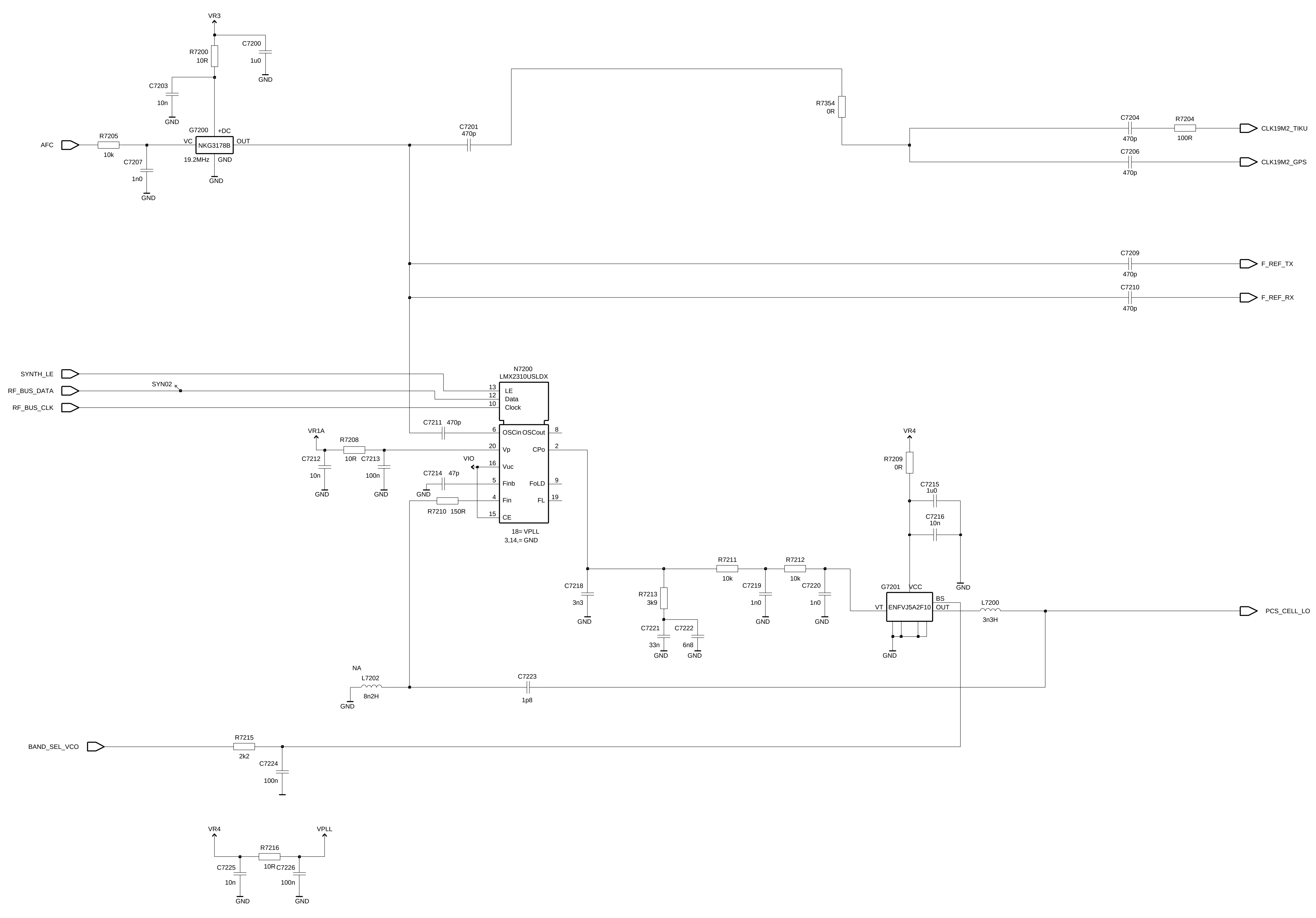
System Connector

Version 0.5, edit 284



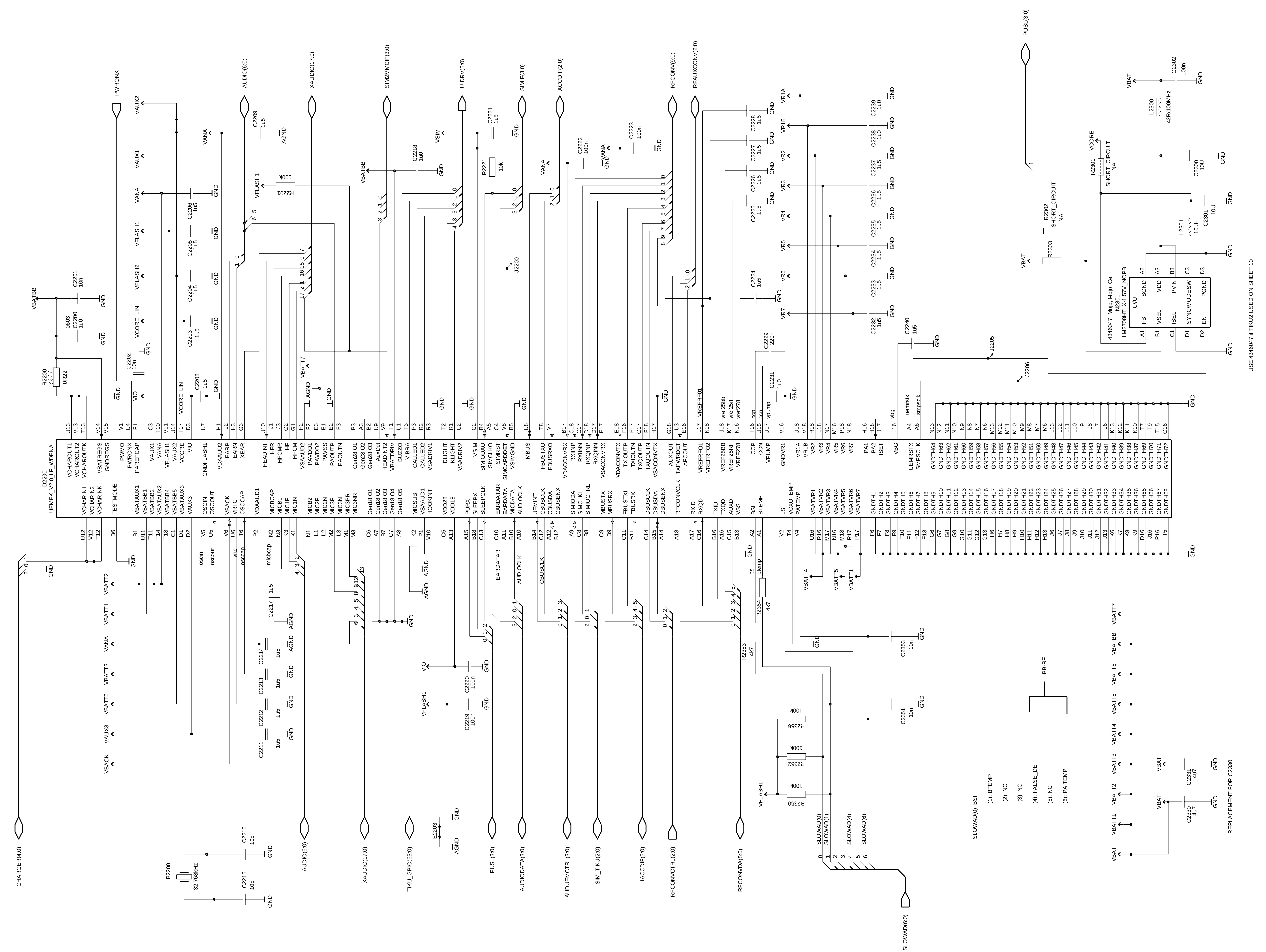
UHF Synthesizer

Version 12, edit 104



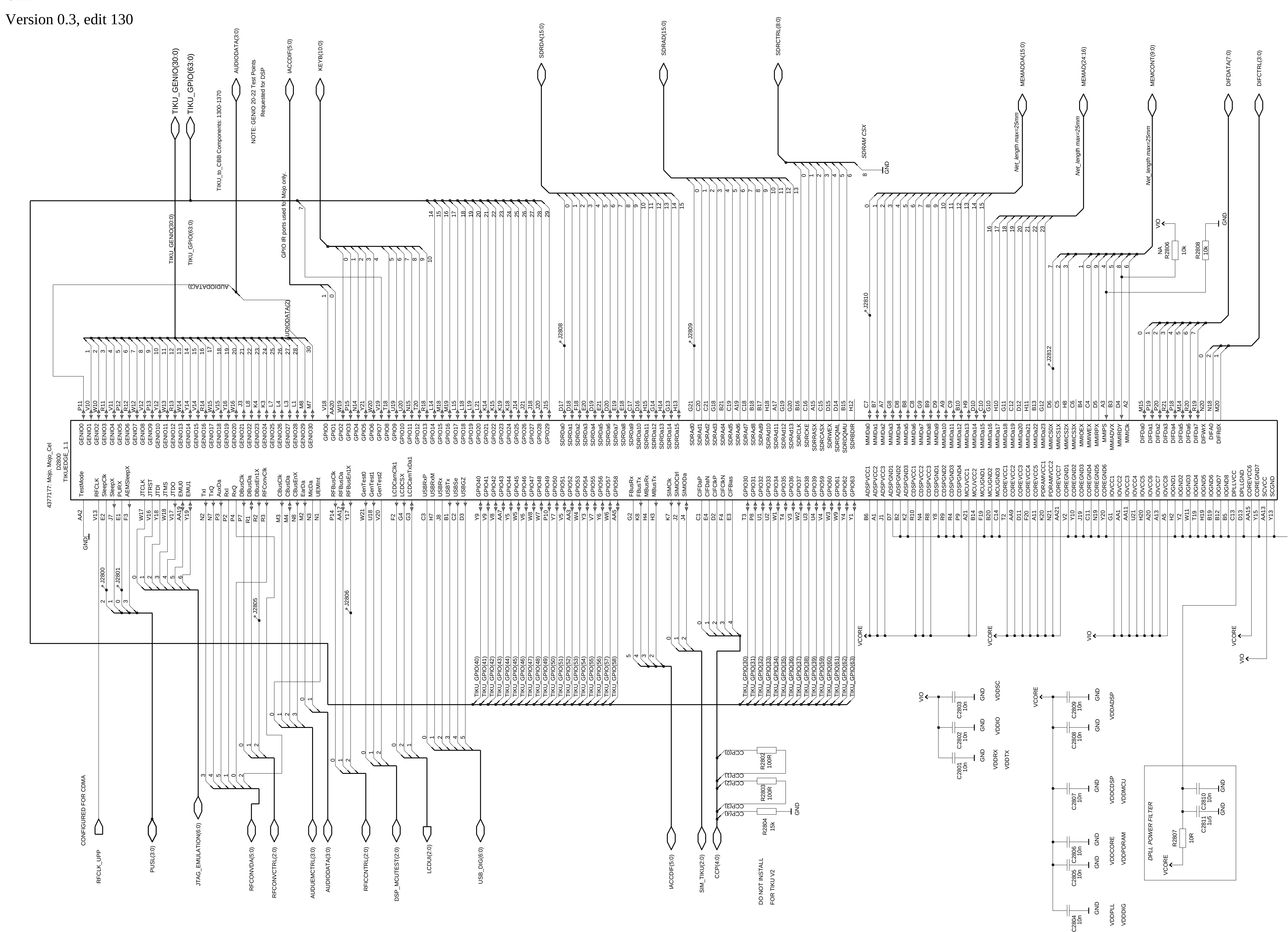
UEME

Version 1, edit 260



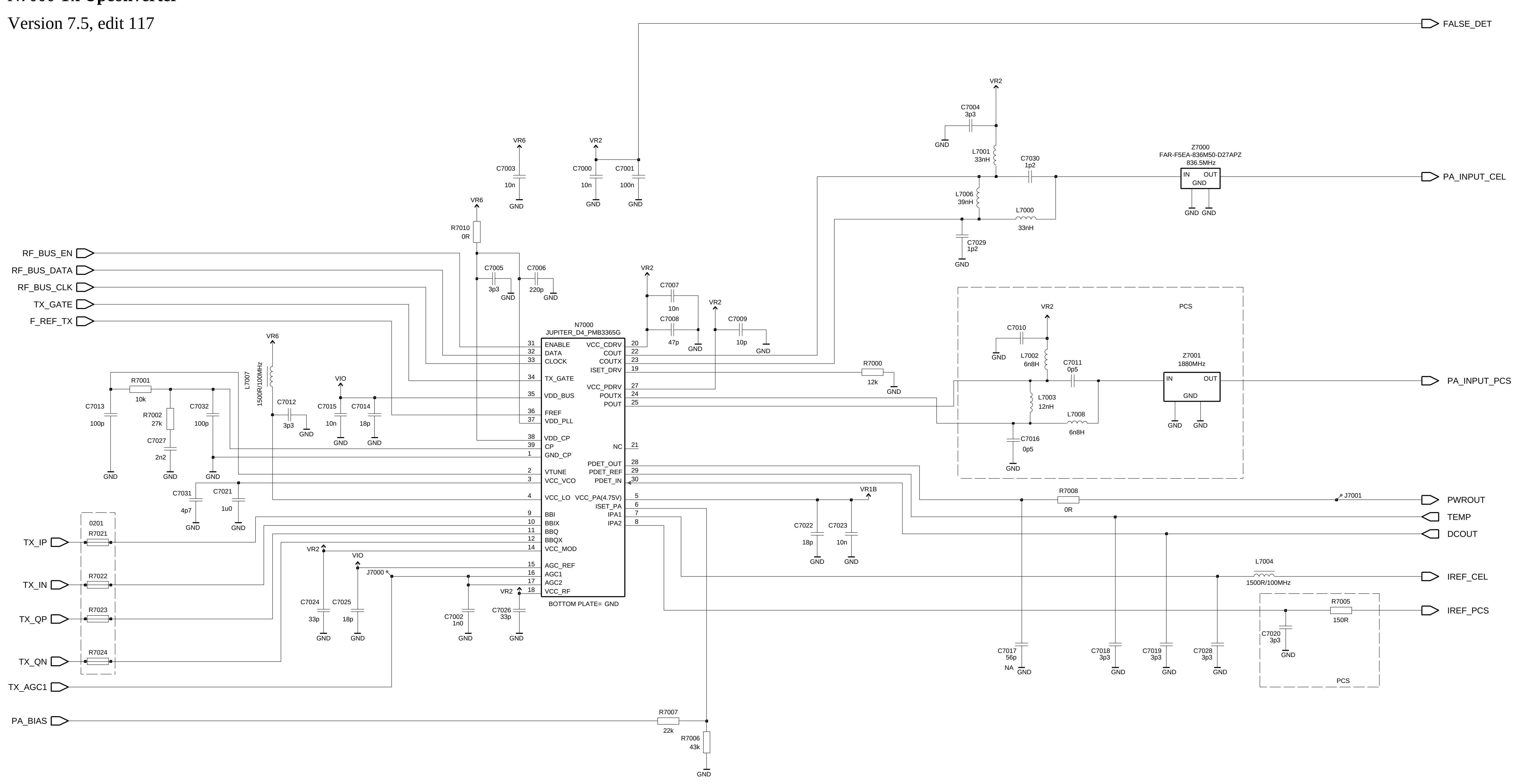
UPP

Version 0.3, edit 130



N7000 Tx Upconverter

Version 7.5, edit 117



FM Radio

Version 1.3, edit 205

UI PWB Top Level

Version 0.5, edit 158

FLEX CONNECTOR LCD PWB

SPEAKER

GPS

NOTE: INSTALL R6211 FOR NON_GPS PHONE VARIANTS ONLY

Place next to SYROS Connector

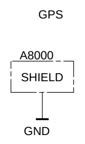
Place next to SUEZ Conn.

DO NOT INSTALL

GPS CERAMIC ANTENNA

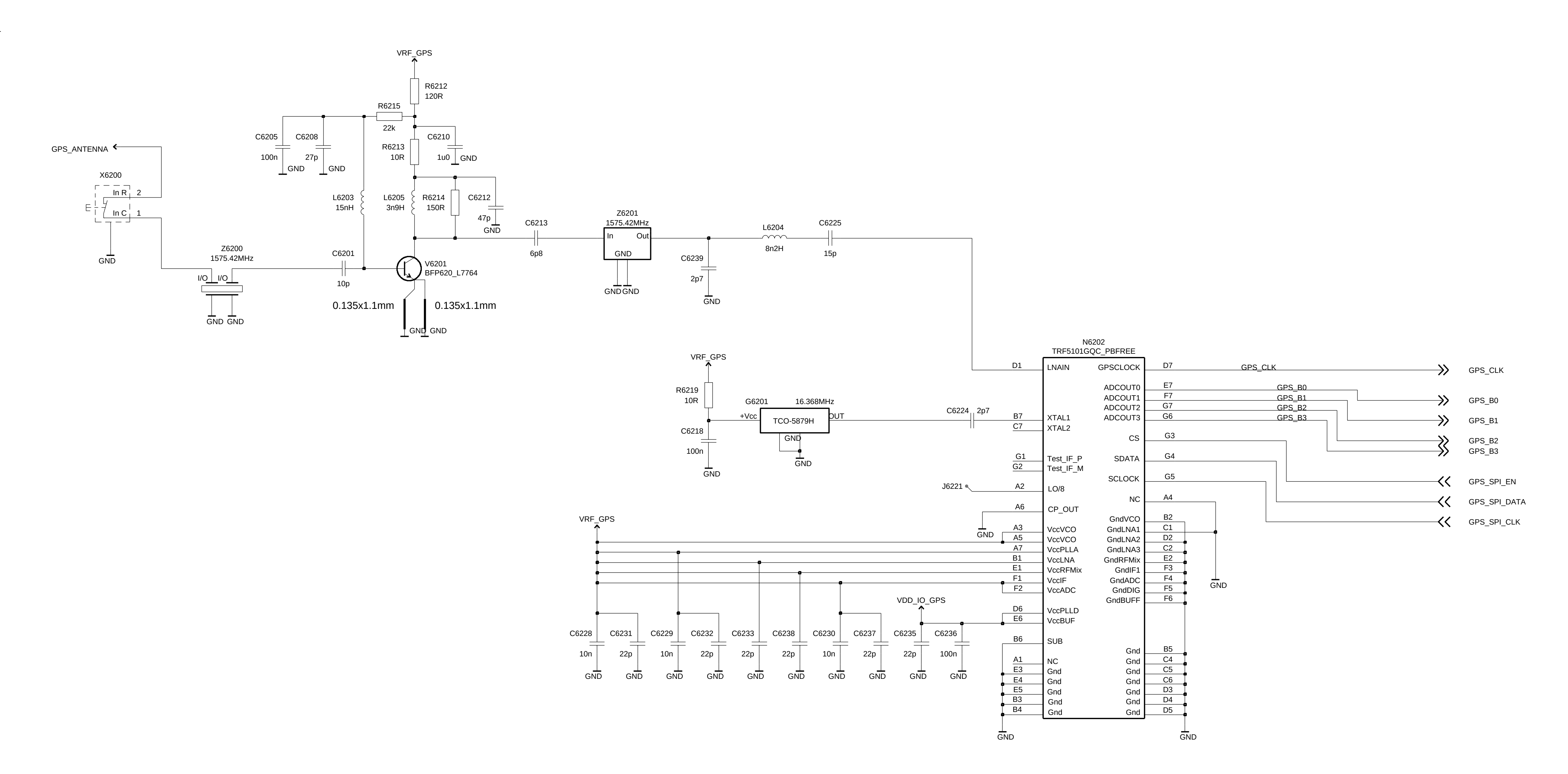
Place Varistors close to GPS BB ASIC within ESD GND r

GPS



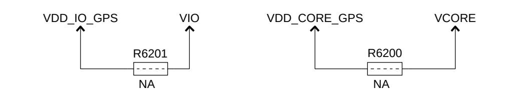
3155i GPS RF

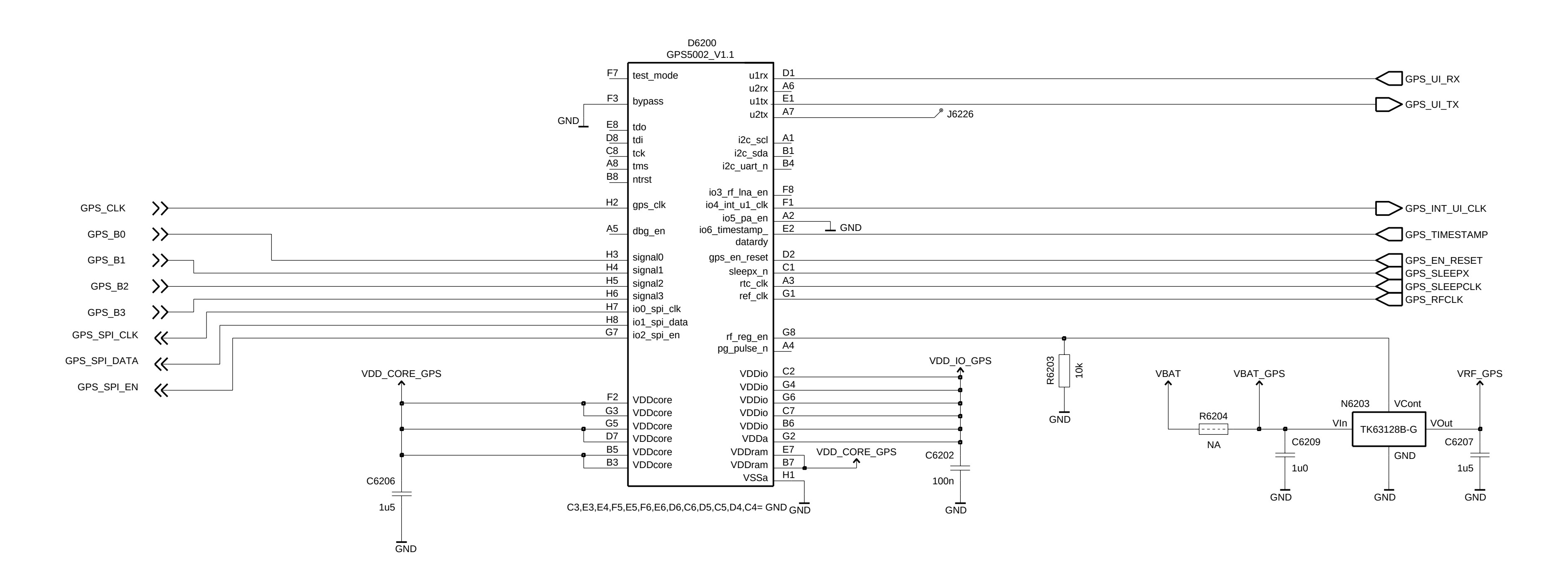
Version 7, edit 141



3155i GPS BB

Version 7, edit 191





Make an ESD GND moat around the GPS module

Flex Interface

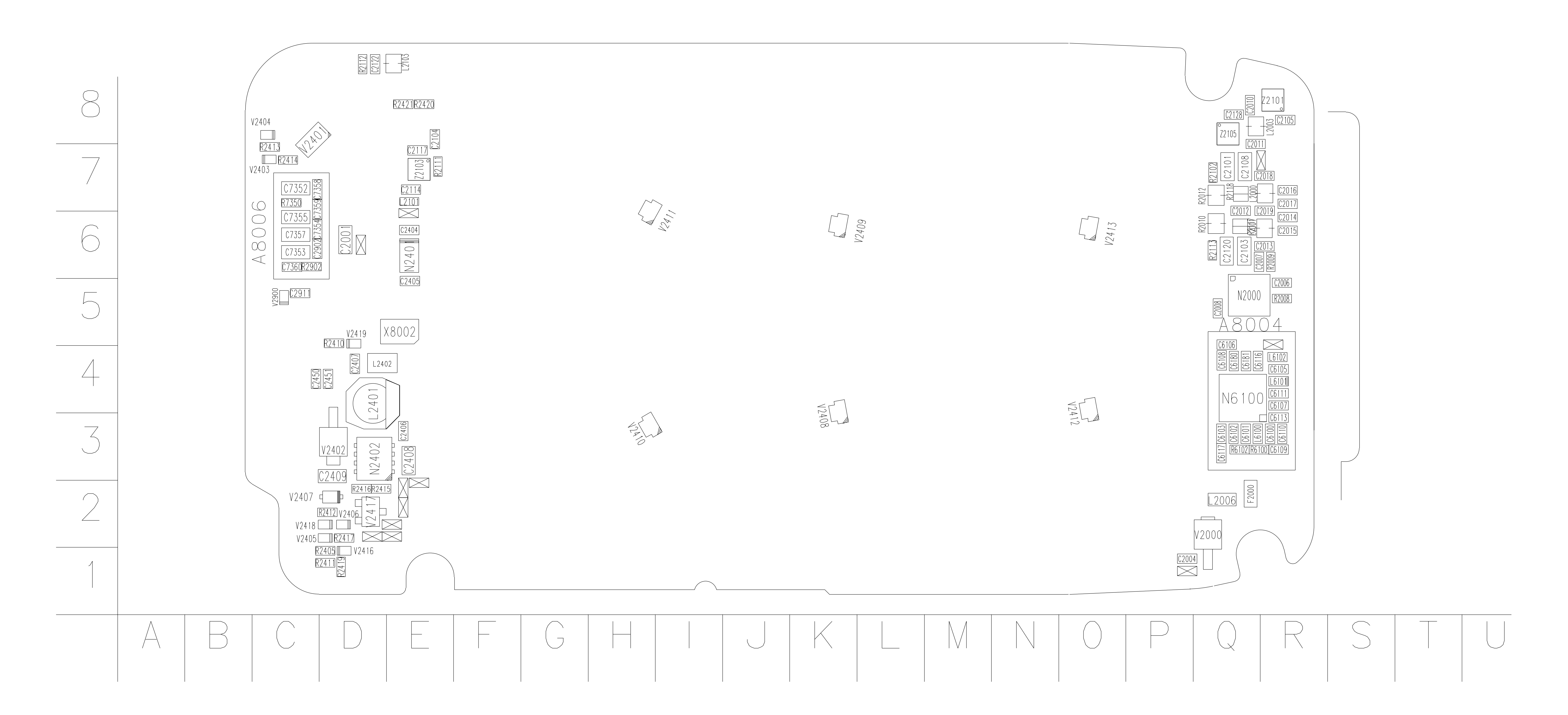
Version 0.0, edit 150

FLEX CONNECTOR MAIN PWB

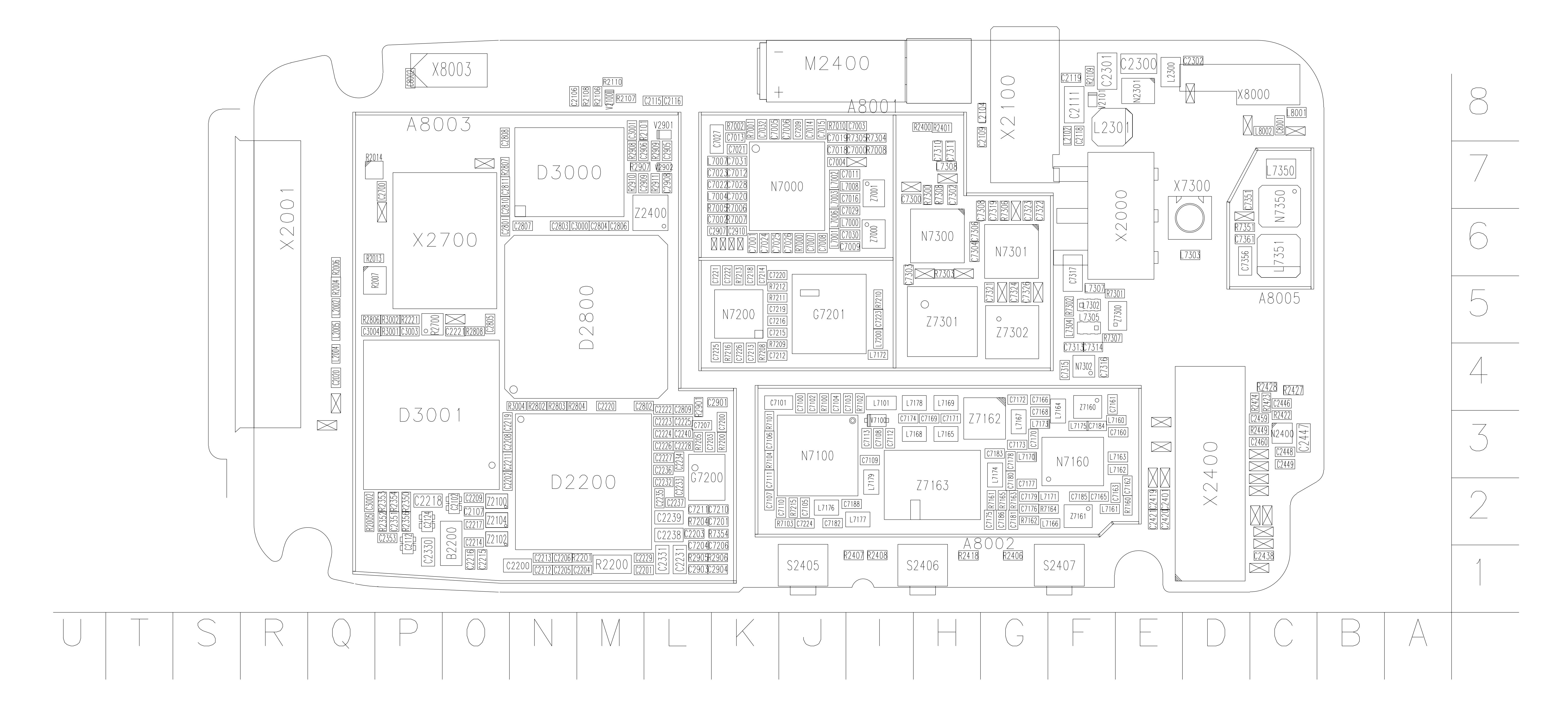
Note: Camera signals are not applicable to the 3155/3155i (RM-41) and 3152 (RM-61) mobile terminals

Component Layouts and Values — Main PWB

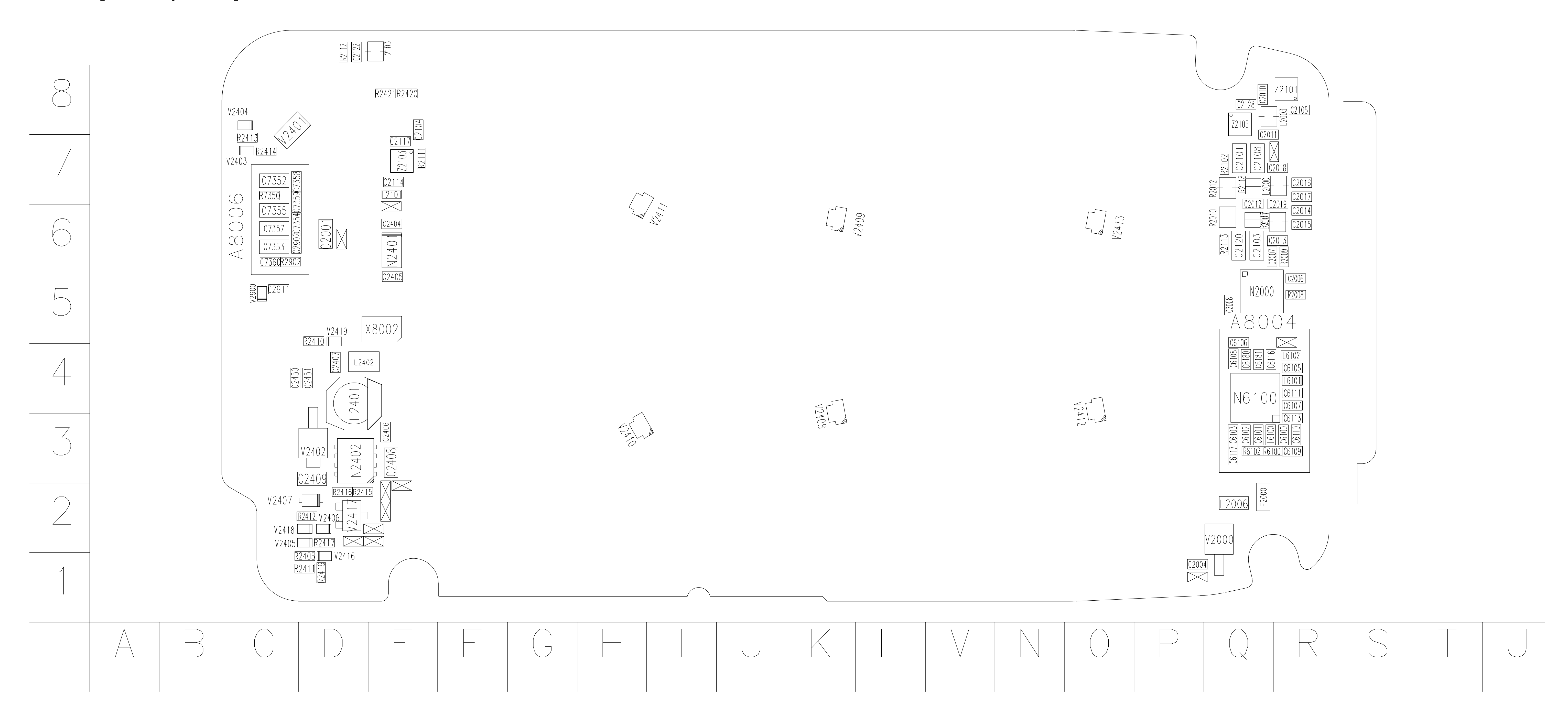
3155 and 3155i Component Layout - Top



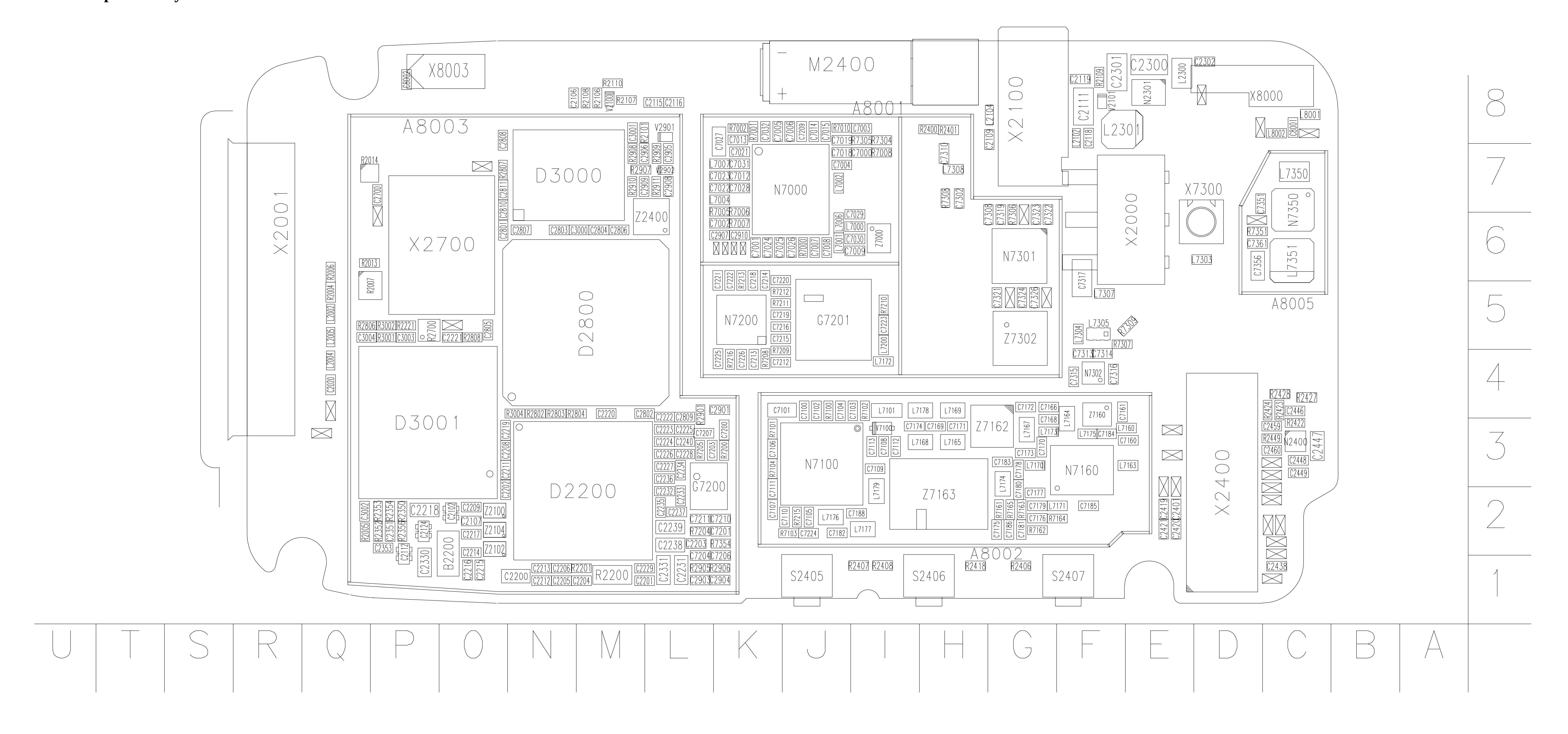
3155 and 3155i Component Layout - Bottom



3152 Component Layout - Top

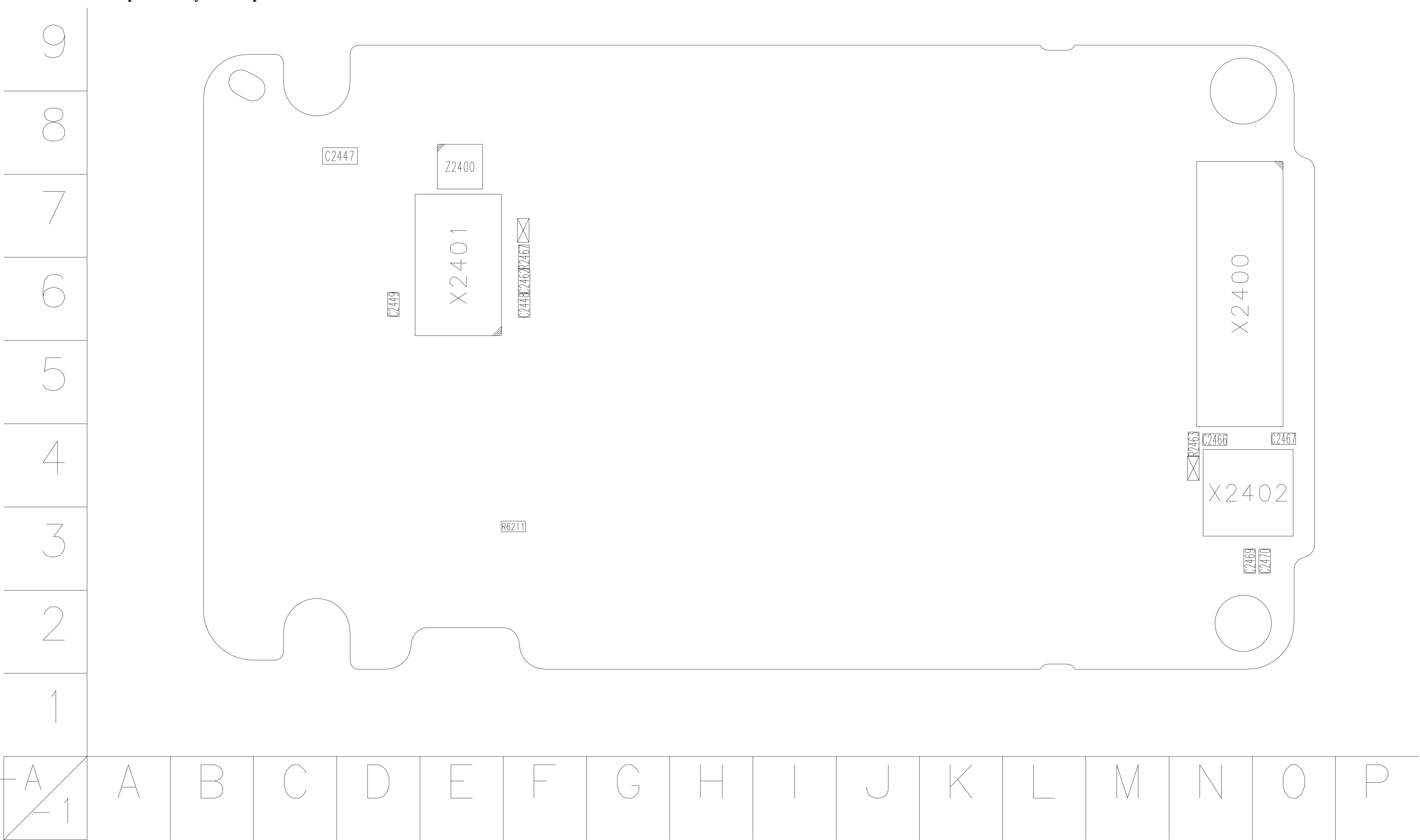


3152 Component Layout - Bottom

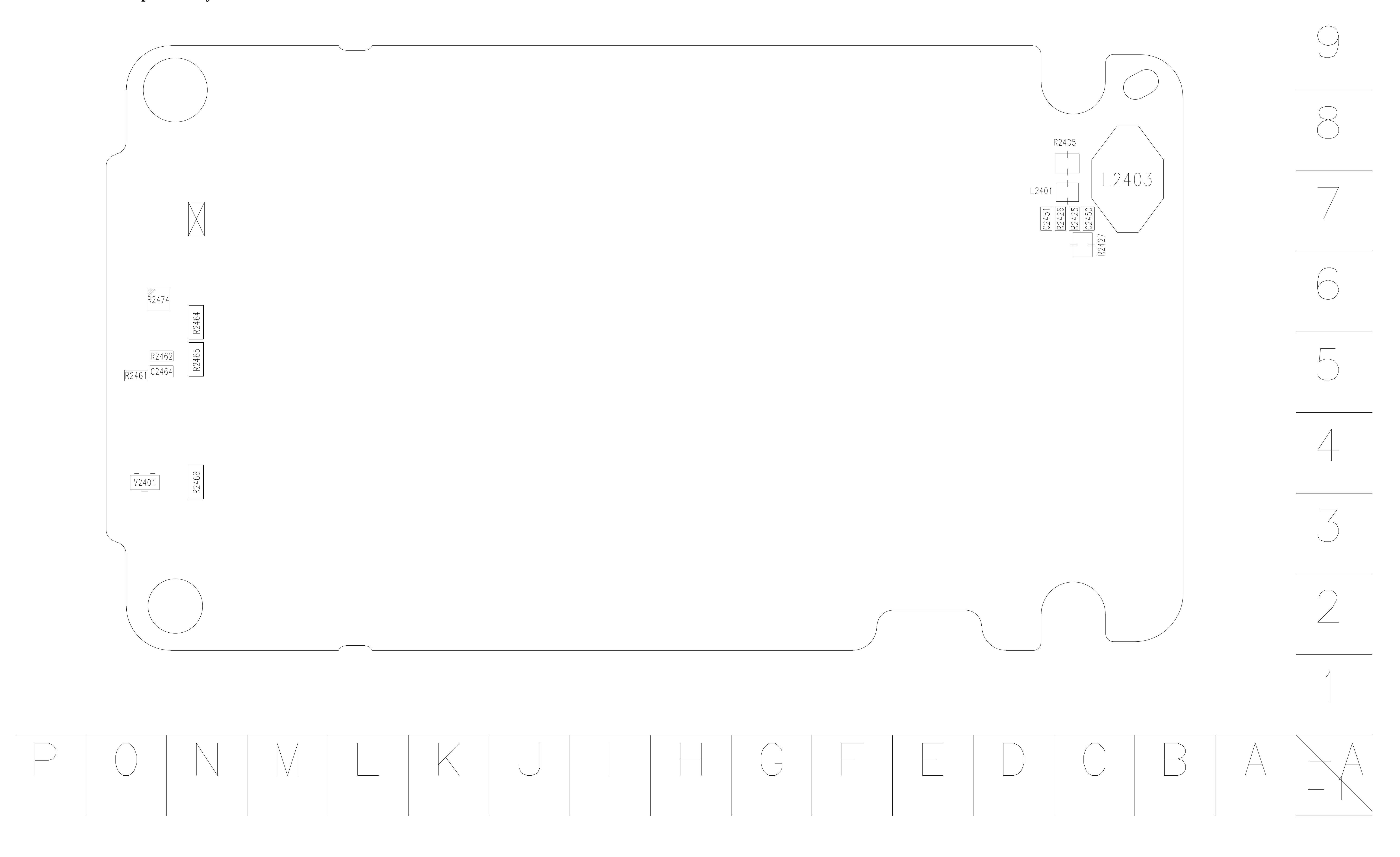


3155 and 3152 (Non-GPS) Component Layouts and Values — Secondary Display

3155 and 3152 Component Layout - Top

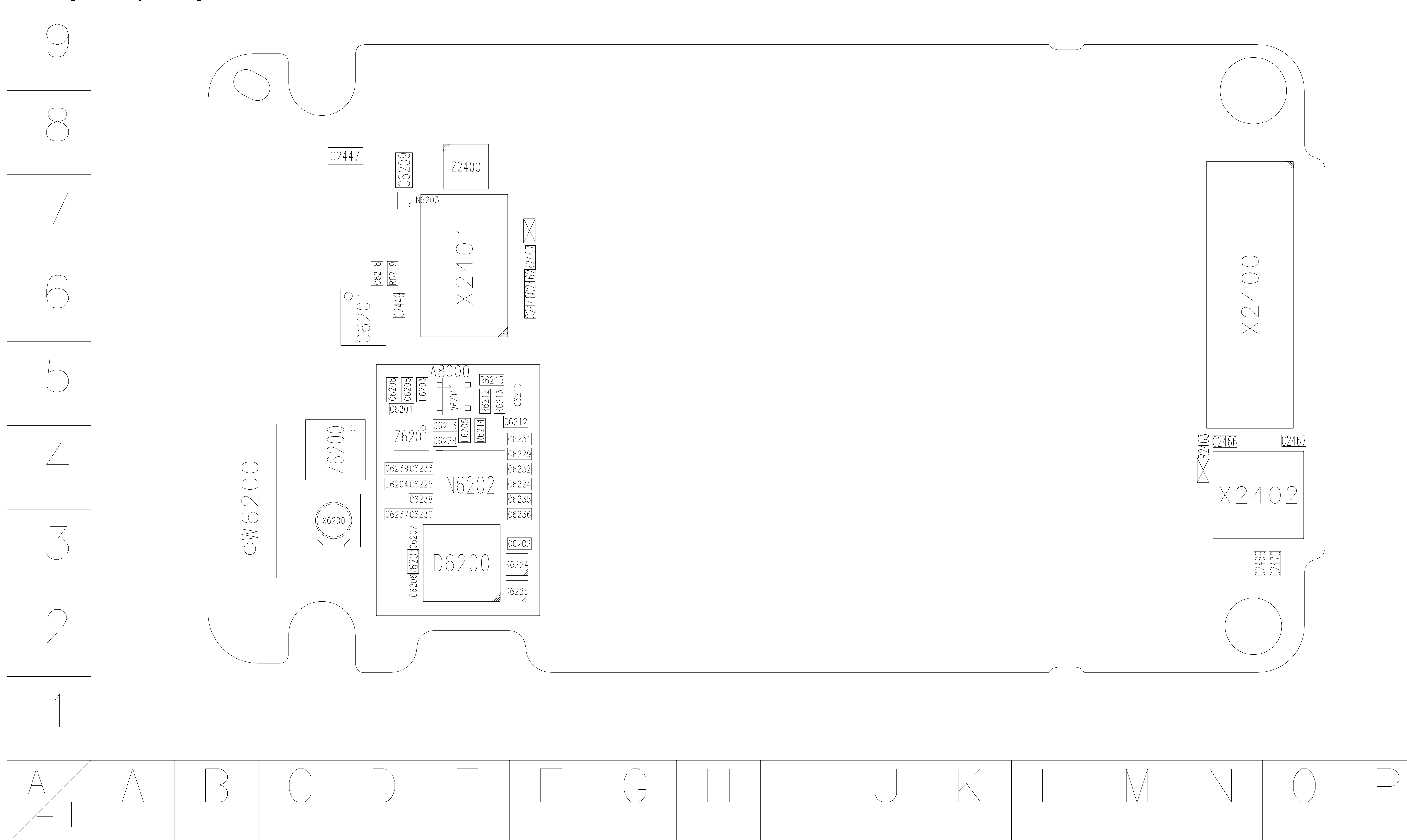


3155 and 3152 Component Layout - Bottom

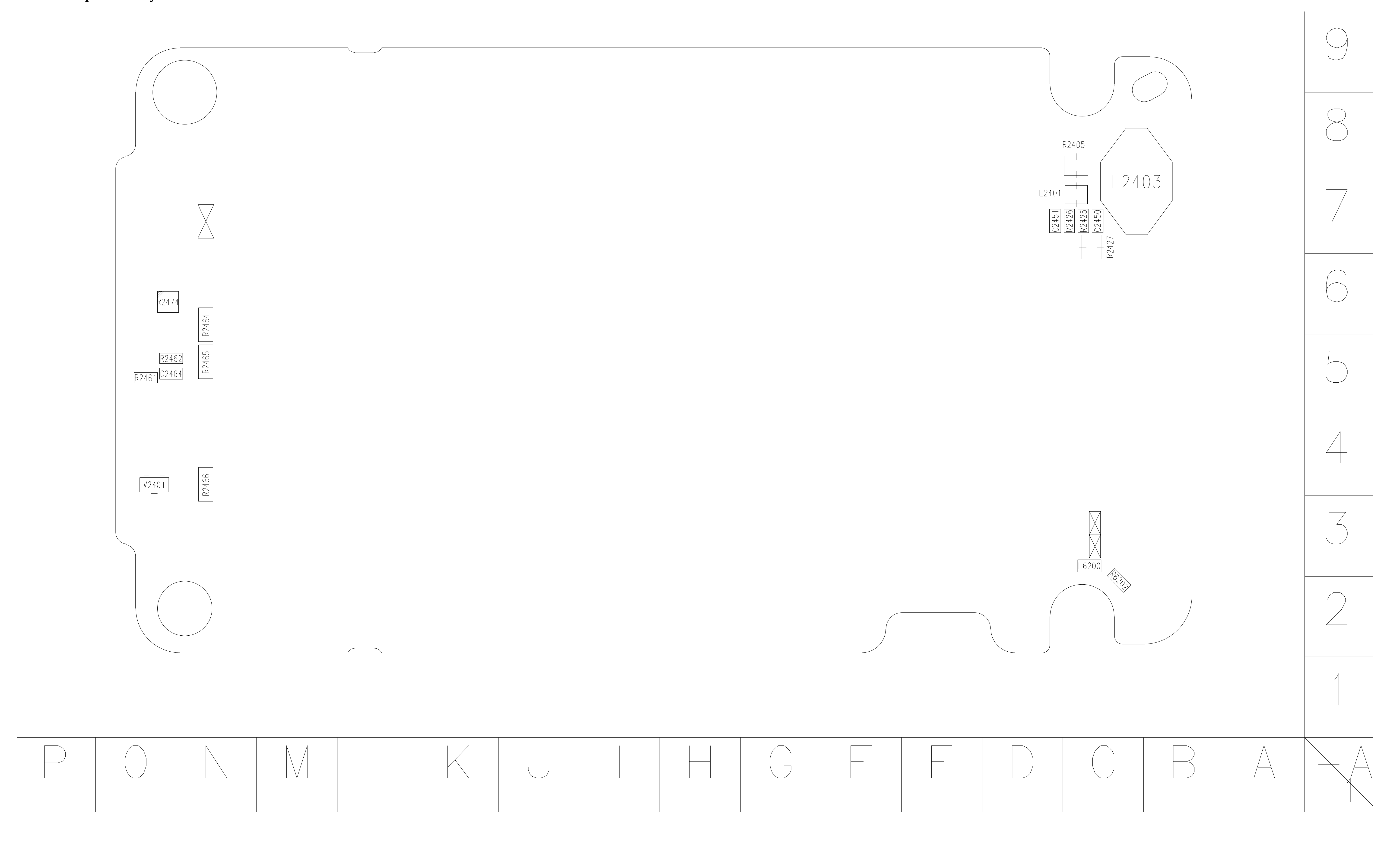


3155i (GPS) Component Layouts and Values — Secondary Display

3155i Component Layout - Top



3155i Component Layout - Bottom



This page intentionally left blank.